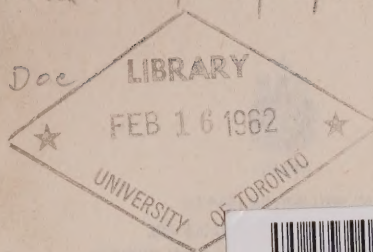


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WATER LEVEL BULLETIN for the
GREAT LAKES AND (MONTREAL HARBOUR)
St. Lawrence River.



INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS



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1962

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93												
HIGH LEVEL FOR MONTH	600.58												
Day and Hour	2/1000												
LOW LEVEL FOR MONTH	599.23												
Day and Hour	29/2330												
HIGHEST DAILY MEAN	600.20												
Day	4												
LOWEST DAILY MEAN	599.69												
Day	27												
Last year's mean for month	599.95												
Max. mean for month since 1860	601.21												
Year	1952												
Min. mean for month since 1860	598.66												
Year	1926												
Mean for month - last 10 years	600.07												
Mean for month - since 1860	600.29												

LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45												
HIGH LEVEL FOR MONTH	579.46												
Day and Hour	30/1016												
LOW LEVEL FOR MONTH	576.61												
Day and Hour	5/0553												
HIGHEST DAILY MEAN	577.97												
Day	17												
LOWEST DAILY MEAN	577.03												
Day	5												
Last year's mean for month	578.05												
Max. mean for month since 1860	580.91												
Year	1886												
Min. mean for month since 1860	575.76												
Year	1934												
Mean for month - last 10 years	577.94												
Mean for month - since 1860	578.25												

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94												
HIGH LEVEL FOR MONTH	573.32												
Day and Hour	7/1029												
LOW LEVEL FOR MONTH	567.45												
Day and Hour	6/1733												
HIGHEST DAILY MEAN	571.62												
Day	7												
LOWEST DAILY MEAN	569.70												
Day	6												
Last year's mean for month	569.77												
Max. mean for month since 1860	572.44												
Year	1863												
Min. mean for month since 1860	568.03												
Year	1935												
Mean for month - last 10 years	570.29												
Mean for month - since 1860	570.33												

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	243.23												
HIGH LEVEL FOR MONTH	244.40												
Day and Hour	7/0358												
LOW LEVEL FOR MONTH	242.70												
Day and Hour	7/0108												
HIGHEST DAILY MEAN	243.73												
Day	7												
LOWEST DAILY MEAN	243.00												
Day	6												
Last year's mean for month	243.25												
Max. mean for month since 1860	246.43												
Year	1886												
Min. mean for month since 1860	241.73												
Year	1935												
Mean for month - last 10 years	244.11												
Mean for month - since 1860	244.20												

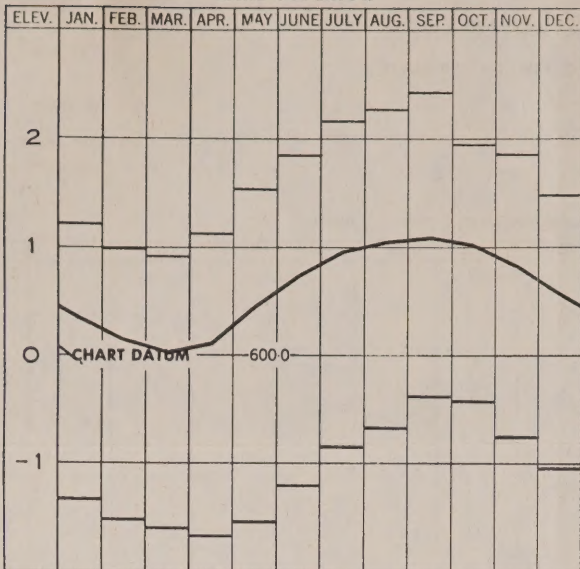
MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	26.63												
HIGH LEVEL FOR MONTH	35.41												
Day and Hour	30/2147												
LOW LEVEL FOR MONTH	13.09												
Day and Hour	2/0243												
HIGHEST DAILY MEAN	34.59												
Day	30												
LOWEST DAILY MEAN	13.26												
Day	2												
Last year's mean for month	31.64												
Max. mean for month since 1860	40.14												
Year	1886												
Min. mean for month since 1860	21.25												
Year	1932												
Mean for month - last 10 years	29.98												
Mean for month - since 1860	32.23												

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

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LAKE SUPERIOR



CANADA

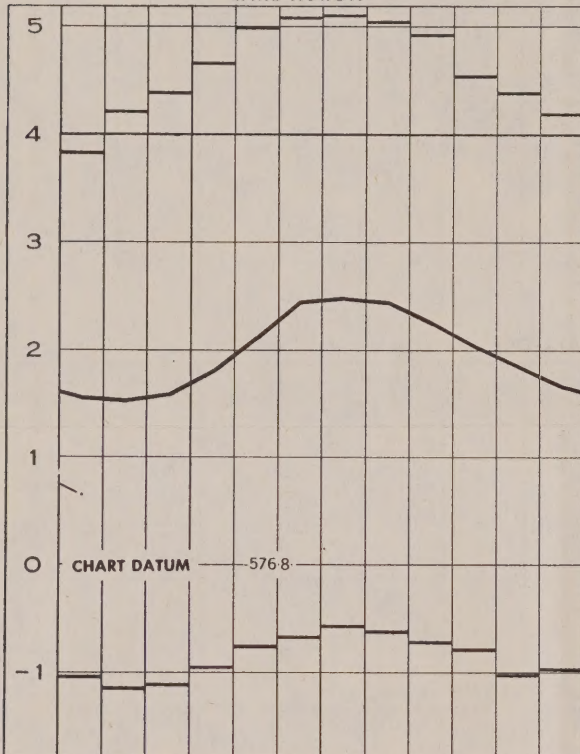
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

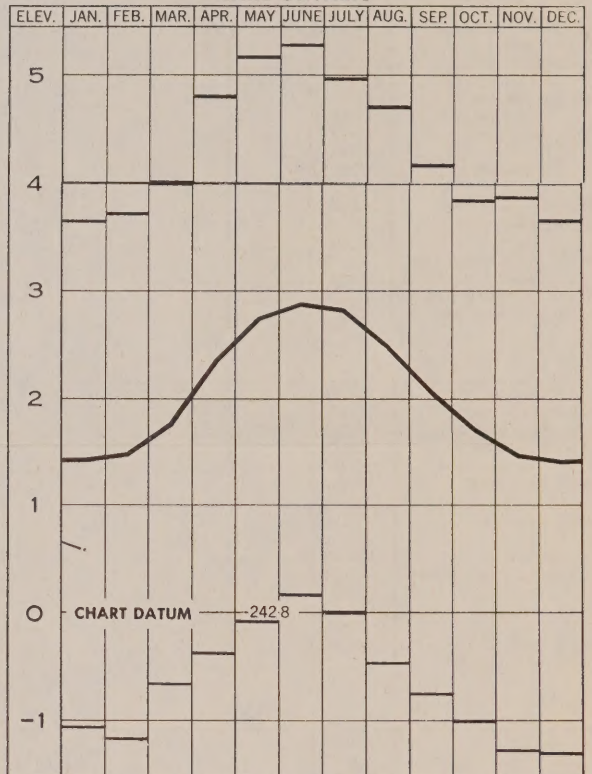
1962

Maximum	_____	PERIOD OF RECORD
Minimum	_____	
Mean	_____	
Mean	_____	MONTHLY

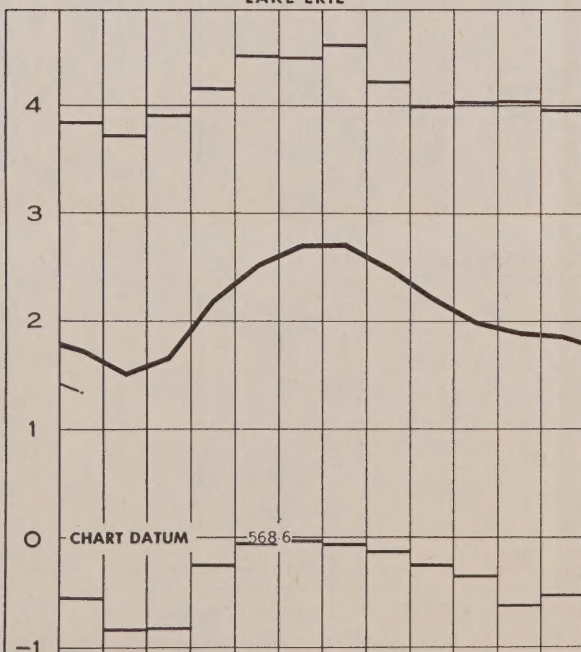
LAKE HURON



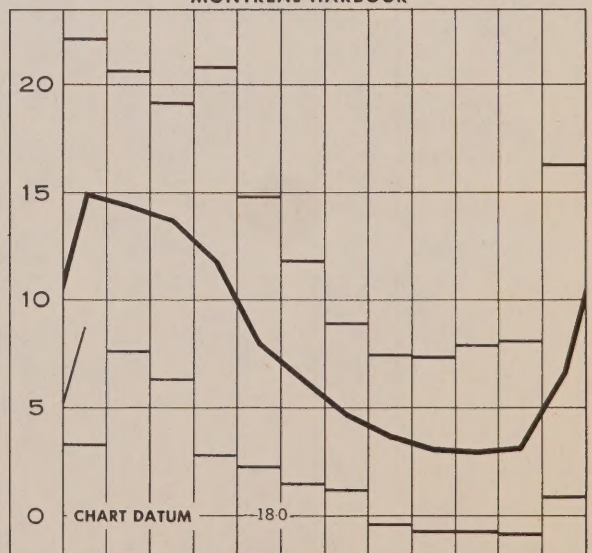
LAKE ONTARIO




LAKE ERIE



MONTREAL HARBOUR



ELEVATIONS ARE IN FEET ABOVE CHART DATUM.



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WATER LEVEL BULLETIN

GREAT LAKES AND MONTREAL HARBOUR

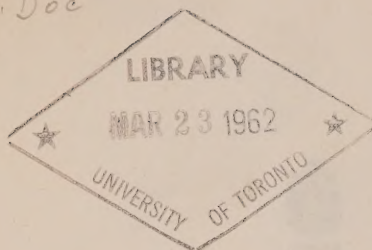


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

		LAKE SUPERIOR	LAKE HURON	LAKE ERIE	LAKE ONTARIO	MONTREAL HARBOUR	
						JAN.-DEC	MAY-NOV.
LENGTH IN MILES		350 Michipicoten to Duluth Canal	210 Grand Bend to Detour	241 Clear of Pt. Pelee and Long Pt.	193 W. Burlington Bay to Sacketts Hbr.		
BREADTH IN MILES		160	101	57	53		
about Latitude			44° 35' N				
about Longitude		86° 45' W			77° 35' W		
AVERAGE DEPTH IN FEET		489	168	60	250		
MAXIMUM RECORDED DEPTH IN FEET		1302	748	208	774		
BOTTOM REFERRED TO M.S.L. IN FEET		-700	-169	+363	-531		
Latitude		47° 30' N	45° 00' N	42° 30' N	43° 29' N		
Longitude		86° 00' W	82° 00' W	80° 00' W	76° 58' W		
WATER SURFACE AREA IN SQUARE MILES							
Canada		11,110	13,900	4,950	3,980		
United States		20,710	9,110	4,990	3,560		
Total		31,820	23,010	9,940	7,540		
DRAINAGE BASIN AREA IN SQUARE MILES							
Canada		43,330	47,570	11,110	15,920		
United States		37,570	24,850	23,570	18,710		
Total		80,900	72,420	34,680	34,630		
WATER LEVELS RECORDED	at	Marquette 1860-1906	Milwaukee 1860-1874	Port Colborne 1860-	Oswego(-.12) 1860-1894	Montreal 1860-	Montreal 1860-
	at	Port Arthur 1907-	Harbor Beach 1875-1909		Kingston 1895-	(Upper Hbr.)	(Upper Hbr.)
	at		Goderich 1910-				
MAXIMUM RANGE							
Monthly mean levels of one calendar year		2.67	2.23	2.57	3.65	18.89	10.59
Year		1869	1871	1917	1867	1949	1908
MINIMUM RANGE							
Monthly mean levels of one calendar year		0.51	0.38	0.75	0.71	9.61	1.34
Year		1929	1941	1911	1920	1935	1958
CANADIAN HYDROGRAPHIC SERVICE CHART DATUM		600.0	576.8	568.6	242.8	18.0	
CANADIAN HARBOUR IMPROVEMENTS DATUM		599.9	576.7	568.9	242.9		
ADJUSTED 1897 LOW WATER DATUM						18.04	
DATUM FOR MONTREAL CITY						24.33	
DATUM FOR MONTREAL HARBOUR COMMISSION						-75.51	
REFERRED TO BENCH MARK		Steel Rivet	Steel Rivet	Steel Rivet	Steel Rivet	Hbr. Comm. Bolt	
ELEVATION		614.49	586.82	583.02	251.66	45.58	

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

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WATER LEVEL BULLETIN for the
GREAT LAKES AND MONTREAL HARBOUR
St. Lawrence River.
1962



INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

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90**LAKE SUPERIOR** (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77											
HIGH LEVEL FOR MONTH	600.58	600.13											
Day and Hour	2/1000	4/1345											
LOW LEVEL FOR MONTH	599.23	599.33											
Day and Hour	20/2330	4/2145											
HIGHEST DAILY MEAN	600.20	599.70											
Day	4	2											
LOWEST DAILY MEAN	599.69	599.66											
Day	27	5											
Last year's mean for month	599.05	599.79											
Max. mean for month since 1860	601.21	600.79											
Year	1952	1952											
Min. mean for month since 1860	599.66	599.48											
Year	1926	1926											
Mean for month last 10 years	600.07	599.77											
Mean for month since 1860	600.29	600.14											

LAKE HURON (at Goderich)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	577.45	577.26											
HIGH LEVEL FOR MONTH	577.46	577.38											
Day and Hour	30/1016	6/0151											
LOW LEVEL FOR MONTH	576.61	576.74											
Day and Hour	5/0553	13/2218											
HIGHEST DAILY MEAN	577.97	577.48											
Day	17	17											
LOWEST DAILY MEAN	577.03	577.04											
Day	5	11											
Last year's mean for month	573.05	577.76											
Max. mean for month since 1860	530.91	530.98											
Year	1836	1836											
Min. mean for month since 1860	575.76	575.66											
Year	1934	1934											
Mean for month last 10 years	572.94	577.35											
Mean for month since 1860	573.25	573.31											

LAKE ERIE (at Port Colborne)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	569.94	569.45											
HIGH LEVEL FOR MONTH	573.72	572.45											
Day and Hour	7/1029	14/0734											
LOW LEVEL FOR MONTH	567.45	566.39											
Day and Hour	6/1733	24/0238											
HIGHEST DAILY MEAN	571.62	570.25											
Day	7	14											
LOWEST DAILY MEAN	569.70	568.59											
Day	6	18											
Last year's mean for month	569.77	569.34											
Max. mean for month since 1860	572.44	572.32											
Year	1863	1863											
Min. mean for month since 1860	569.03	567.75											
Year	1935	1935											
Mean for month last 10 years	570.29	570.07											
Mean for month since 1860	570.33	570.11											

LAKE ONTARIO (at Kingston)

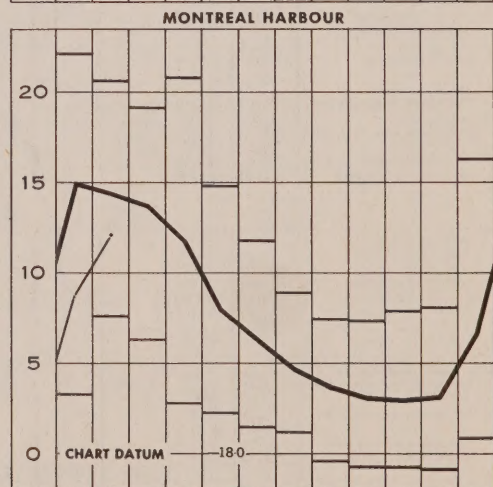
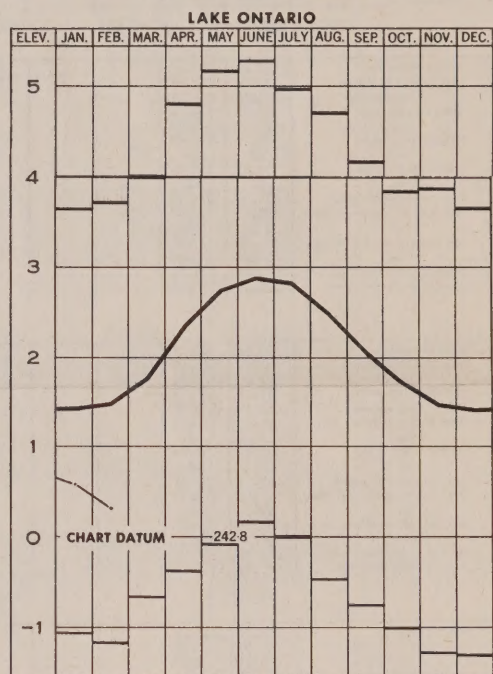
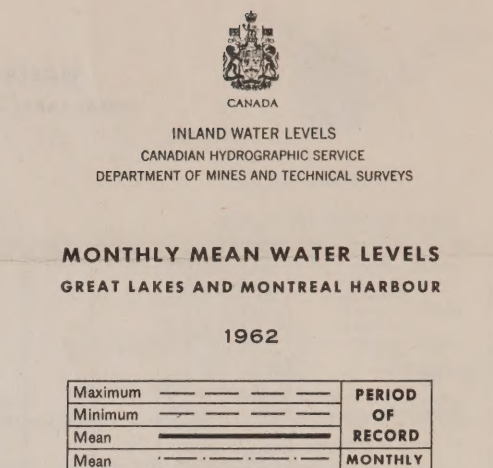
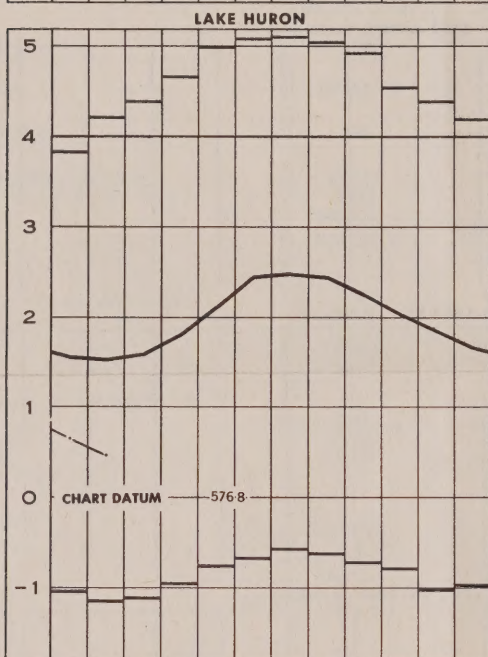
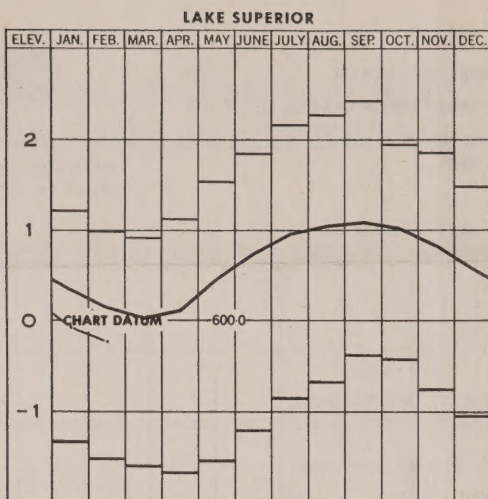
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	243.23	243.11											
HIGH LEVEL FOR MONTH	244.40	243.57											
Day and Hour	7/0353	5/2053											
LOW LEVEL FOR MONTH	242.70	242.50											
Day and Hour	7/0103	24/0800											
HIGHEST DAILY MEAN	243.73	243.31											
Day	7	5											
LOWEST DAILY MEAN	243.00	242.32											
Day	6	24											
Last year's mean for month	243.25	242.29											
Max. mean for month since 1860	246.43	246.50											
Year	1836	1836											
Min. mean for month since 1860	241.73	241.63											
Year	1935	1936											
Mean for month last 10 years	244.11	244.10											
Mean for month since 1860	244.20	244.26											

MONTREAL HARBOUR (at King Edward Pier)

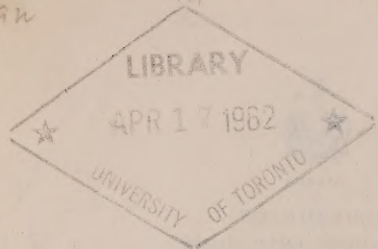
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	26.43	30.13											
HIGH LEVEL FOR MONTH	36.41	34.01											
Day and Hour	30/2147	1/0627											
LOW LEVEL FOR MONTH	17.09	27.45											
Day and Hour	2/0213	13/1200											
HIGHEST DAILY MEAN	34.59	33.26											
Day	30	1											
LOWEST DAILY MEAN	17.26	27.73											
Day	2	19											
Last year's mean for month	21.64	30.43											
Max. mean for month since 1860	40.14	38.66											
Year	1836	1890											
Min. mean for month since 1860	21.25	25.61											
Year	1932	1925											
Mean for month last 10 years	29.93	32.46											
Mean for month since 1860	32.23	32.37											

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

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ELEVATIONS ARE IN FEET ABOVE CHART DATUM.



WATER LEVEL BULLETIN *for the*
GREAT LAKES AND (MONTREAL HARBOUR)
St. Lawrence River.
1962



INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72										
HIGH LEVEL FOR MONTH	600.58	600.13	600.00										
Day and Hour	2/1000	4/1345	30/0853										
LOW LEVEL FOR MONTH	599.23	599.28	599.39										
Day and Hour	29/2330	4/2145	12/0713										
HIGHEST DAILY MEAN	600.20	599.90	599.85										
Day	1	2	2										
LOWEST DAILY MEAN	599.69	599.66	599.65										
Day	27	5	12										
Last year's mean for month	599.95	599.79	599.75										
Max. mean for month since 1860	601.21	600.99	600.92										
Year	1952	1952	1951										
Min. mean for month since 1860	598.66	598.48	598.40										
Year	1926	1926	1926										
Mean for month - last 10 years	600.07	599.77	599.75										
Mean for month - since 1860	600.39	600.14	600.04										

LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.39										
HIGH LEVEL FOR MONTH	578.46	577.88	577.77										
Day and Hour	30/1016	6/0151	30/0305										
LOW LEVEL FOR MONTH	576.61	576.74	576.73										
Day and Hour	5/0553	13/2218	12/0735										
HIGHEST DAILY MEAN	577.97	577.48	577.50										
Day	17	17	31										
LOWEST DAILY MEAN	577.03	577.04	577.10										
Day	5	11	20										
Last year's mean for month	578.05	577.76	577.83										
Max. mean for month since 1860	580.91	580.98	581.17										
Year	1886	1886	1886										
Min. mean for month since 1860	575.76	575.66	575.69										
Year	1934	1934	1934										
Mean for month - last 10 years	577.94	577.85	578.02										
Mean for month - since 1860	578.35	578.31	578.38										

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73										
HIGH LEVEL FOR MONTH	573.32	572.45	570.70										
Day and Hour	7/1029	14/0734	30/1113										
LOW LEVEL FOR MONTH	567.45	566.89	568.58										
Day and Hour	6/1733	24/0238	6/1802										
HIGHEST DAILY MEAN	571.62	570.25	570.21										
Day	7	14	30										
LOWEST DAILY MEAN	568.70	568.59	569.00										
Day	6	18	6										
Last year's mean for month	569.77	569.54	570.22										
Max. mean for month since 1860	572.44	572.32	572.50										
Year	1863	1863	1863										
Min. mean for month since 1860	568.03	567.75	567.76										
Year	1935	1935	1934										
Mean for month - last 10 years	570.29	570.07	570.39										
Mean for month - since 1860	570.33	570.11	570.26										

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	243.38	243.11	243.26										
HIGH LEVEL FOR MONTH	244.40	243.57	243.79										
Day and Hour	7/0358	5/2058	31/2324										
LOW LEVEL FOR MONTH	242.70	242.50	242.71										
Day and Hour	7/0108	24/0800	12/0807										
HIGHEST DAILY MEAN	243.73	243.31	243.63										
Day	7	5	30										
LOWEST DAILY MEAN	243.00	242.92	242.90										
Day	6	24	6										
Last year's mean for month	243.35	242.99	243.61										
Max. mean for month since 1860	246.43	246.50	246.79										
Year	1886	1886	1952										
Min. mean for month since 1860	241.73	241.63	242.13										
Year	1935	1936	1935										
Mean for month - last 10 years	244.11	244.10	244.45										
Mean for month - since 1860	244.20	244.26	244.53										

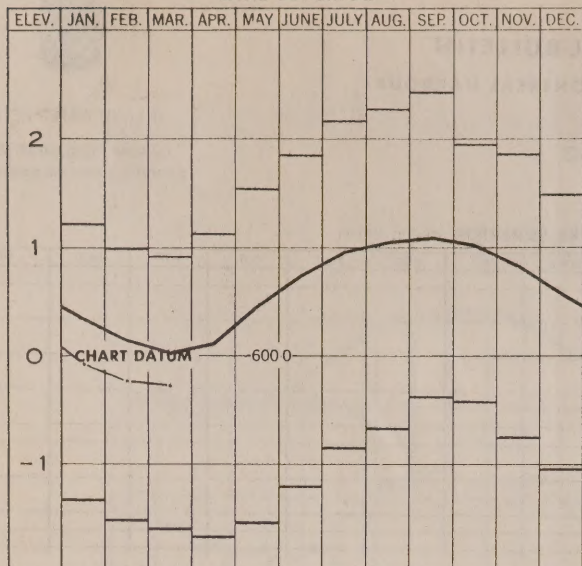
MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	26.63	30.13	23.08										
HIGH LEVEL FOR MONTH	35.41	34.01	28.81										
Day and Hour	30/2147	1/0427	6/1930										
LOW LEVEL FOR MONTH	18.09	27.45	20.69										
Day and Hour	2/0243	19/1200	19/1200										
HIGHEST DAILY MEAN	34.59	33.96	27.35										
Day	30	1	1										
LOWEST DAILY MEAN	18.26	27.73	20.89										
Day	2	19	19										
Last year's mean for month	31.64	30.43	25.93										
Max. mean for month since 1860	40.14	38.66	37.12										
Year	1886	1890	1890										
Min. mean for month since 1860	21.25	25.61	23.08										
Year	1932	1935	1962										
Mean for month - last 10 years	29.98	32.06	26.85										
Mean for month - since 1860	32.83	32.37	31.60										
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

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LAKE SUPERIOR



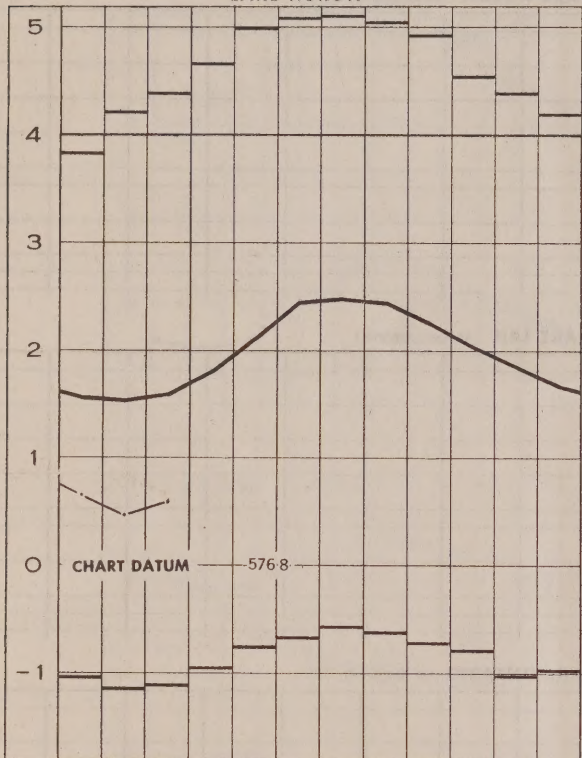
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

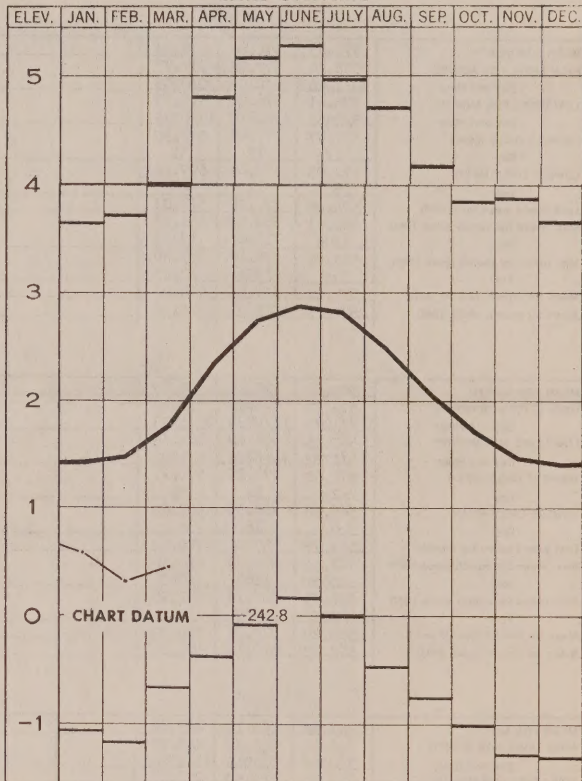
1962

Maximum	_____	PERIOD OF RECORD MONTHLY
Minimum	_____	
Mean	_____	
Mean	_____	

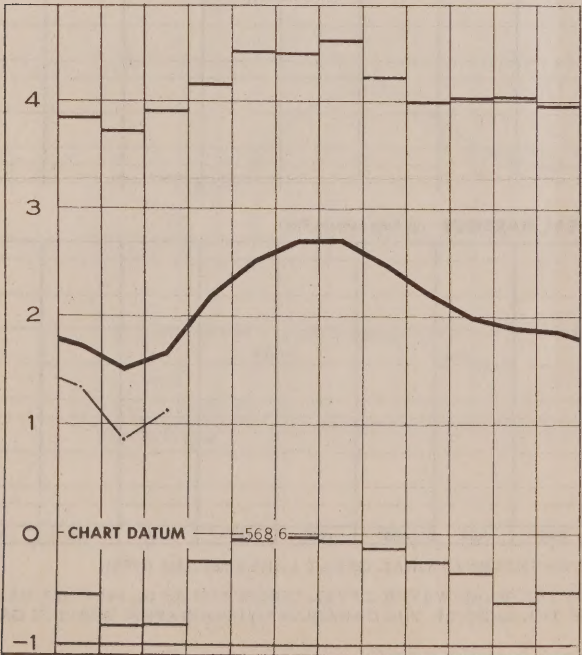
LAKE HURON



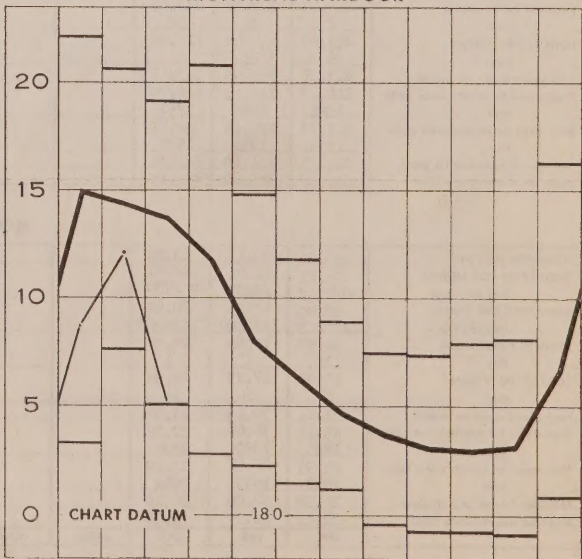
LAKE ONTARIO



LAKE ERIE



MONTREAL HARBOUR

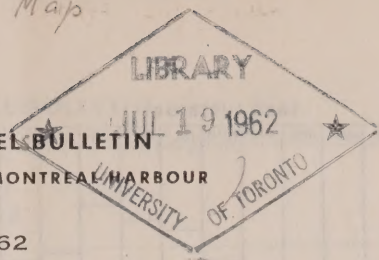


ELEVATIONS ARE IN FEET ABOVE CHART DATUM.

Gov. Doc Canada, Hydrographic and Map Service

GD.

SCL. MED. DIV.



WATER LEVEL BULLETIN

GREAT LAKES AND MONTREAL HARBOUR

for the St. Lawrence River, 1962

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.25							
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17							
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627							
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78							
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755							
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47							
Day	4	2	2	29	30	29							
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26							
Day	27	5	12	14	2	11							
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39							
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84							
Year	1952	1952	1951	1951	1951	1916							
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79							
Year	1926	1926	1926	1926	1926	1926							
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55							
Mean for month - since 1860	600.39	600.14	600.04	600.10	600.45	600.75							

LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90							
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578.28	578.34	578.58							
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111							
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79							
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129							
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00							
Day	17	17	31	15	25	1							
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78							
Day	5	11	20	9	23	9							
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578.18							
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88							
Year	1886	1886	1886	1886	1886	1886							
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13							
Year	1934	1934	1934	1934	1934	1934							
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51							
Mean for month - since 1860	578.35	578.31	578.38	578.59	578.90	579.14							

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29							
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33							
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150							
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569.20	569.16							
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414							
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56							
Day	7	14	30	14	3	19							
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70							
Day	6	18	6	12	27	12							
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48							
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04							
Year	1863	1863	1863	1952	1862	1860							
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56							
Year	1935	1935	1934	1935	1934	1934							
Mean for month - last 10 years	570.29	570.07	570.39	570.86	571.16	571.27							
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29							

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.32							
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68							
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045							
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96							
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745							
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39							
Day	7	5	30	23	25	19							
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24							
Day	6	24	6	1	1	4							
Last year's mean for month	242.35	242.99	243.61	244.39	245.30	245.53							
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07							
Year	1886	1886	1952	1952	1952	1952							
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97							
Year	1935	1936	1935	1935	1935	1935							
Mean for month - last 10 years	244.11	244.10	244.45	245.17	245.85	245.77							
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68							

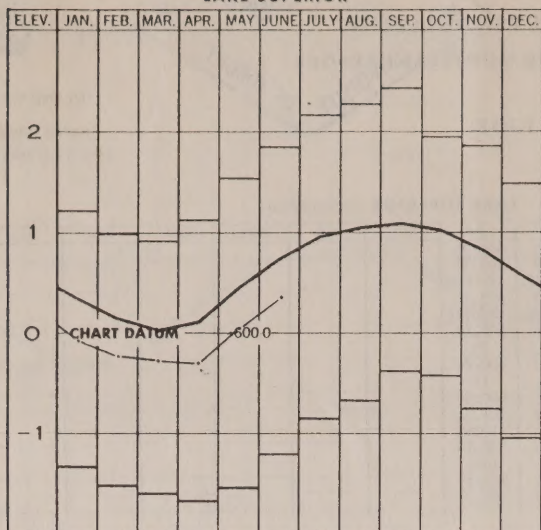
MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48							
HIGH LEVEL FOR MONTH	35.41	34.01	28.31	25.57	22.95	19.29							
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030							
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52							
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707							
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09							
Day	30	1	1	10	7	6							
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91							
Day	2	19	19	22	31	1							
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57							
Max. mean for month since 1860	40.14	38.66	37.12	38.84	32.79	29.73							
Year	1886	1890	1890	1887	1876	1876							
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48							
Year	1932	1935	1962	1931	1958	1962							
Mean for month - last 10 years	29.98	32.06	26.85	24.65	22.64	21.22							
Mean for month - since 1860	32.83	32.37	31.60	29.63	25.97	24.18							

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR



CANADA

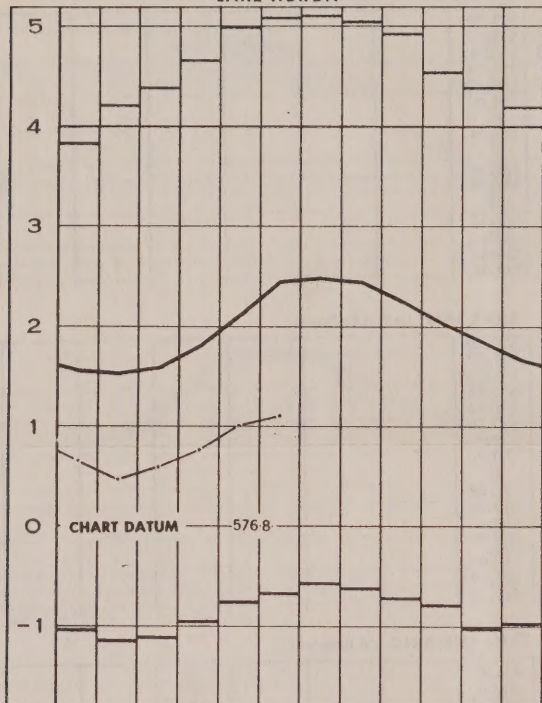
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

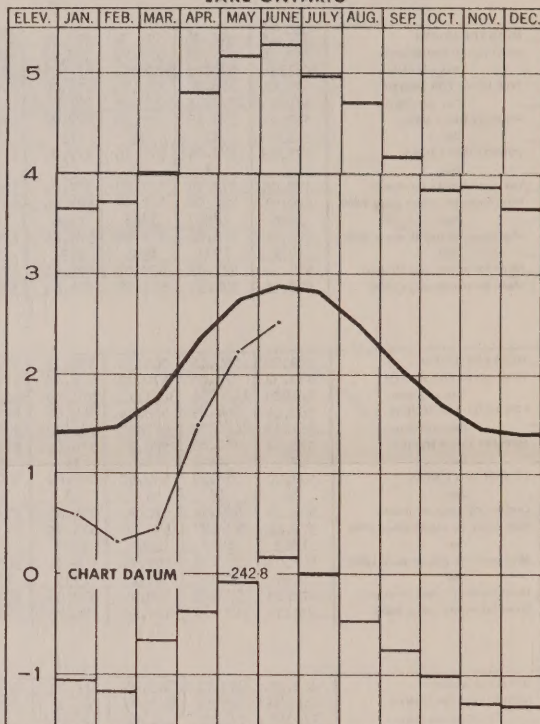
1962

Maximum	_____	PERIOD OF RECORD MONTHLY
Minimum	_____	
Mean	_____	
Mean	_____	

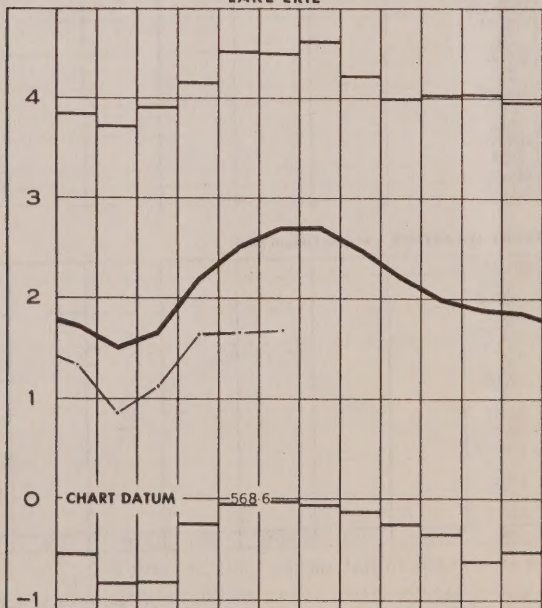
LAKE HURON



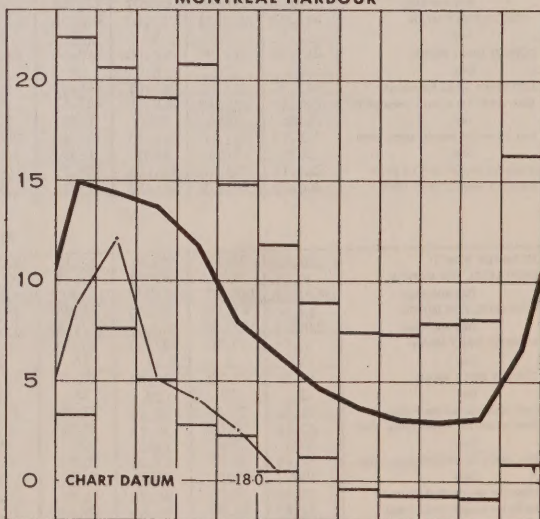
LAKE ONTARIO



LAKE ERIE



MONTREAL HARBOUR



ELEVATIONS ARE IN FEET ABOVE CHART DATUM.



4D.

WATER LEVEL BULLETIN
GREAT LAKES AND MONTREAL HARBOUR

St. Lawrence River.
1962

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

AUG 16 1962

UNIVERSITY OF TORONTO

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52						
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24						
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304						
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76						
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711						
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58						
Day	4	2	2	29	30	29	29						
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40						
Day	27	5	12	14	2	11	1						
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49						
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16						
Year	1952	1952	1951	1951	1951	1916	1876						
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14						
Year	1926	1926	1926	1926	1926	1926	1926						
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78						
Mean for month - since 1860	600.39	600.14	600.04	600.10	600.45	600.75	600.97						

LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89						
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578.28	578.34	578.58	578.52						
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659						
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55						
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750						
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16						
Day	17	17	31	15	25	1	9						
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77						
Day	5	11	20	9	23	9	20						
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578.18	578.26						
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90						
Year	1886	1886	1886	1886	1886	1886	1876						
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22						
Year	1934	1934	1934	1934	1934	1934	1934						
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51	578.65						
Mean for month - since 1860	578.35	578.31	578.38	578.59	578.90	579.14	579.27						

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32						
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13						
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245						
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569.20	569.16	569.46						
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429						
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70						
Day	7	14	30	14	3	19	27						
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70	570.04						
Day	6	18	6	12	27	12	4						
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30						
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16						
Year	1863	1863	1863	1952	1862	1860	1862						
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53						
Year	1935	1935	1934	1935	1934	1934	1934						
Mean for month - last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34						
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571.30						

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.32	245.16						
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68	245.80						
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020						
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69						
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547						
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26						
Day	7	5	30	23	25	19	1						
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24	244.95						
Day	6	24	6	1	1	4	23						
Last year's mean for month	243.35	242.99	243.61	244.39	245.30	245.53	245.40						
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76						
Year	1886	1886	1952	1952	1952	1952	1947						
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80						
Year	1935	1936	1935	1935	1935	1935	1934						
Mean for month - last 10 years	244.11	244.10	244.65	245.17	245.85	245.77	245.51						
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60						

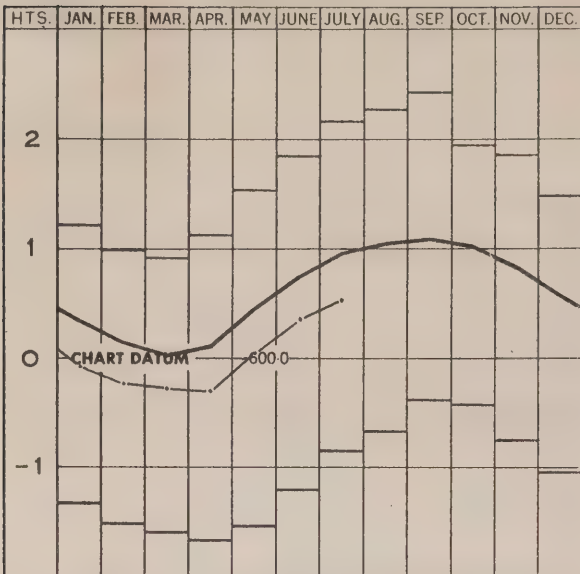
MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48	18.08						
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67						
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925						
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36						
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657						
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46						
Day	30	1	1	10	7	6	15						
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91	17.61						
Day	2	19	19	22	31	1	12						
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10						
Max. mean for month since 1860	40.14	38.66	37.12	38.34	32.79	29.73	26.87						
Year	1886	1890	1890	1887	1876	1876	1861						
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08						
Year	1932	1935	1962	1931	1958	1962	1962						
Mean for month - last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73						
Mean for month - since 1860	32.23	32.37	31.60	29.63	25.97	24.18	22.63						

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR



CANADA

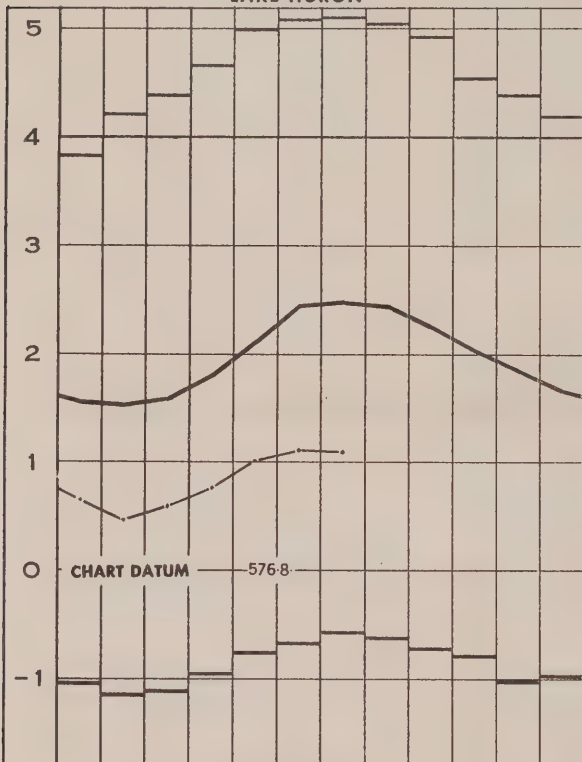
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

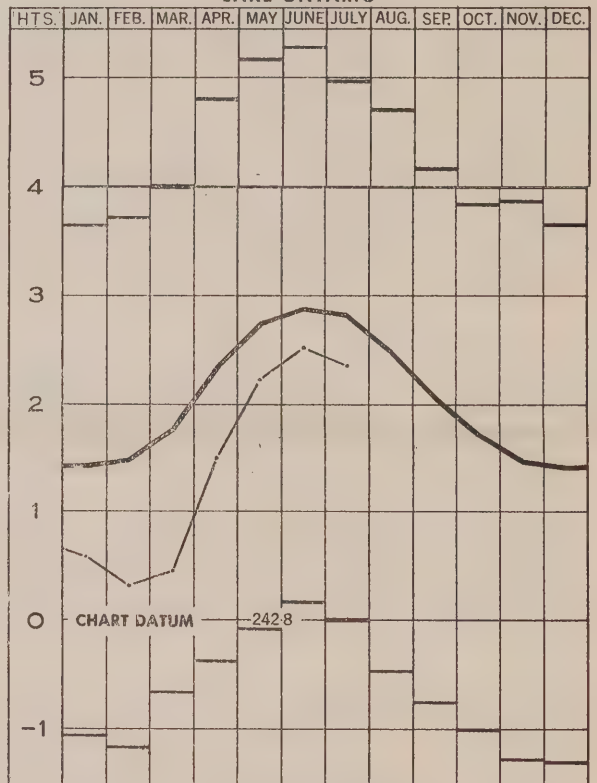
1962

Maximum	—————	PERIOD OF RECORD MONTHLY
Minimum	—————	
Mean	—————	
Mean	—————	

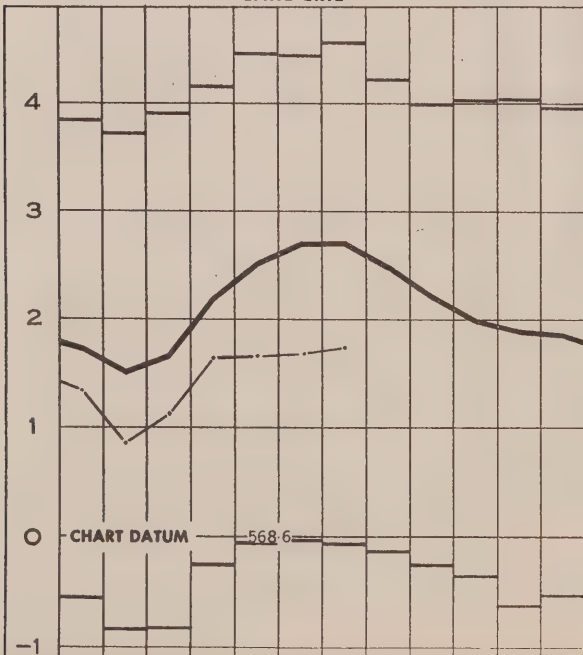
LAKE HURON



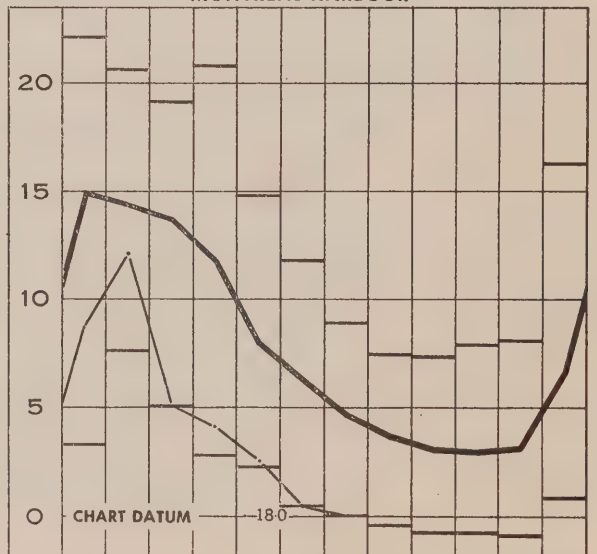
LAKE ONTARIO



LAKE ERIE



MONTREAL HARBOUR



HEIGHTS ARE IN FEET REFERRED TO CHART DATUM

WATER LEVEL BULLETIN
GREAT LAKES AND MONTREAL HARBOUR



INLAND WATER LEVELS

1962

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52	600.55					
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.18					
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010					
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70					
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711	6/1115					
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600.67					
Day	4	2	2	29	30	29	29	23					
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40	600.46					
Day	27	5	12	14	2	11	1	12					
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600.47					
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27					
Year	1952	1952	1951	1951	1951	1916	1876	1876					
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33					
Year	1926	1926	1926	1926	1926	1926	1926	1926					
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.83					
Mean for month - since 1860	600.39	600.14	600.04	600.10	600.45	600.75	600.97	601.05					

LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80					
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578.28	578.34	578.58	578.52	578.46					
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	12/2134					
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32					
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006					
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98					
Day	17	17	31	15	25	1	9	13					
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59					
Day	5	11	20	9	23	9	20	23					
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578.18	578.26	578.22					
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84					
Year	1886	1886	1886	1886	1886	1886	1876	1876					
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18					
Year	1934	1934	1934	1934	1934	1934	1934	1934					
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51	578.65	577.82					
Mean for month - since 1860	578.35	578.31	578.38	578.59	578.90	579.14	579.27	579.22					

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16					
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21					
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750					
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569.20	569.16	569.46	569.30					
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742					
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56					
Day	7	14	30	14	3	19	27	13					
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70	570.04	569.82					
Day	6	18	6	12	27	12	4	22					
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16					
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81					
Year	1863	1863	1863	1952	1862	1860	1862	1862					
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46					
Year	1935	1935	1934	1935	1934	1934	1934	1934					
Mean for month - last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34	571.06					
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571.30	571.07					

LAKE ONTARIO (at Kingston)

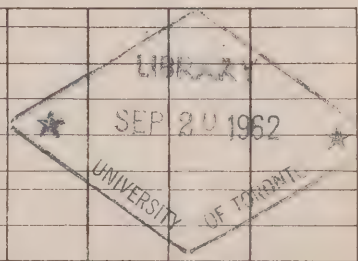
MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.22	245.16	245.03					
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68	245.80	245.30					
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020	13/2255					
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69	244.75					
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420					
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15					
Day	7	5	30	23	25	19	1	13					
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24	244.95	244.88					
Day	6	24	6	1	1	4	23	30					
Last year's mean for month	243.35	242.99	243.61	244.39	245.30	245.53	245.40	244.97					
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51					
Year	1886	1886	1952	1952	1952	1952	1947	1947					
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34					
Year	1935	1935	1935	1935	1935	1935	1934	1934					
Mean for month - last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09					
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28					

MONTREAL HARBOUR (at King Edward Pier)

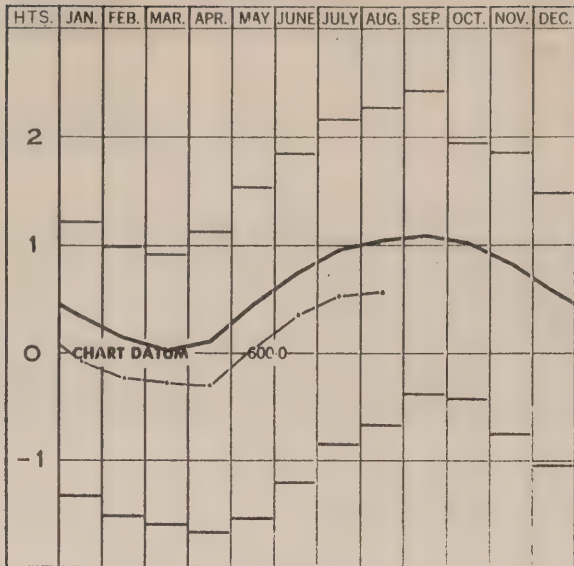
MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48	18.08	18.21					
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97					
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348					
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53					
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525					
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75					
Day	30	1	1	10	7	6	15	10					
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73					
Day	2	19	19	22	31	1	12	28					
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10	20.19					
Max. mean for month since 1860	40.14	38.66	37.12	38.84	32.79	29.73	26.87	25.39					
Year	1886	1890	1890	1887	1876	1876	1861	1861					
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51					
Year	1932	1935	1962	1931	1958	1962	1962	1934					
Mean for month - last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93					
Mean for month - since 1860	32.83	32.37	31.60	29.63	25.97	24.18	22.63	21.63					
JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN	

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I.G.L.D. (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.



LAKE SUPERIOR



CANADA

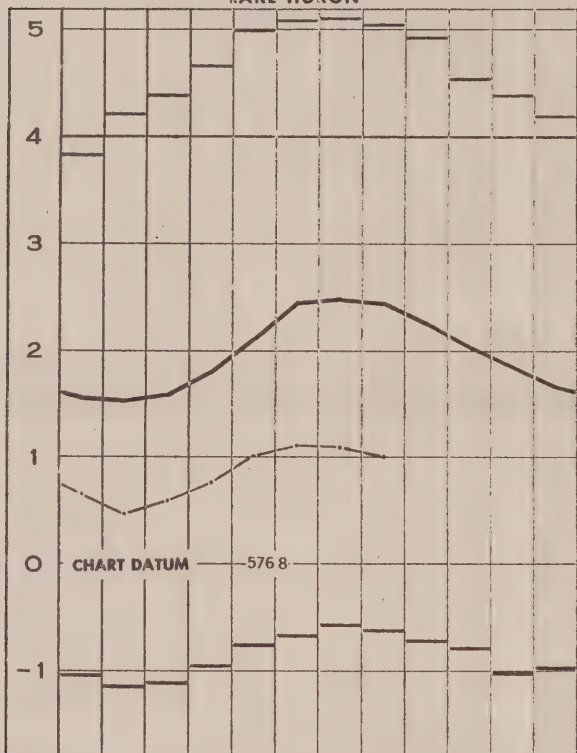
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

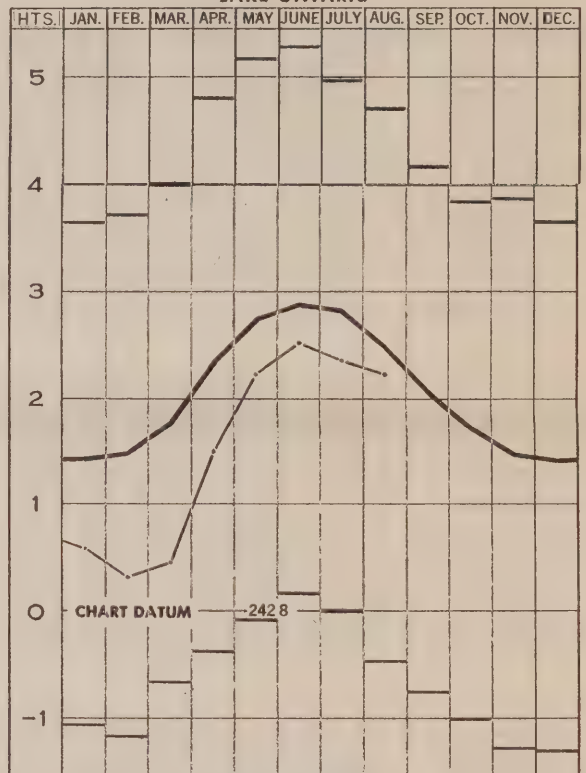
1962

Maximum	-----	PERIOD OF RECORD
Minimum	-----	
Mean	-----	
Mean	-----	
		MONTHLY

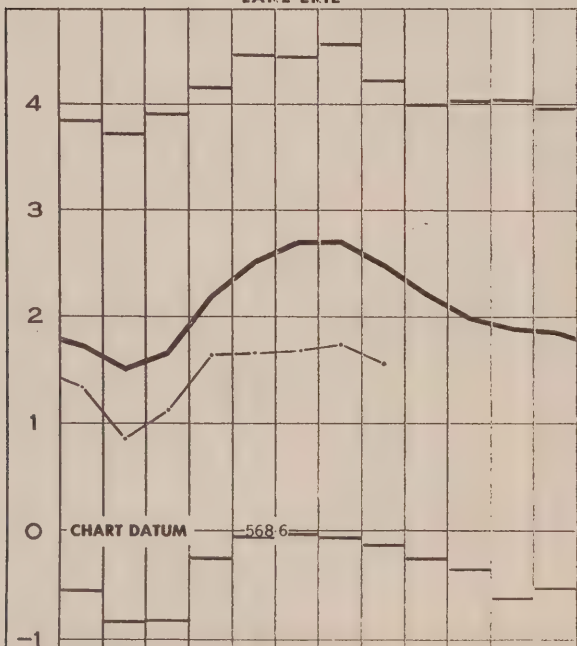
LAKE HURON



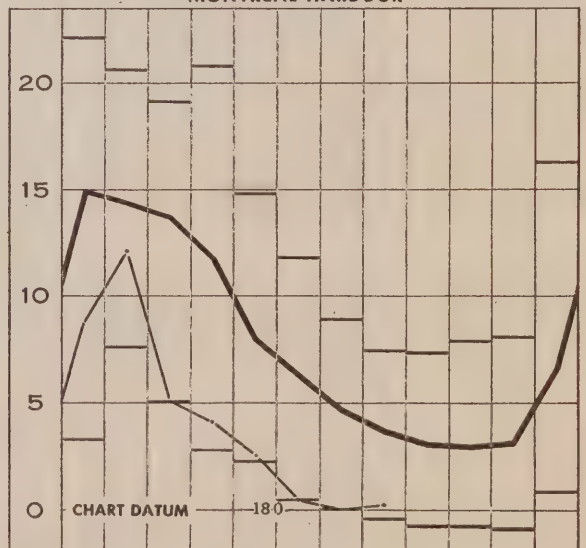
LAKE ONTARIO



LAKE ERIE



MONTREAL HARBOUR



HEIGHTS ARE IN FEET REFERRED TO CHART DATUM



WATER LEVEL BULLETIN
GREAT LAKES AND MONTREAL HARBOUR

St Lawrence River:
1962

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52	600.55	600.70				
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.18	601.15				
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455				
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70	600.30				
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711	6/1115	4/0520				
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600.67	600.81				
Day	4	2	2	29	30	29	29	23	12				
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40	600.46	600.59				
Day	27	5	12	14	2	11	1	12	19				
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600.47	600.59				
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42				
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869				
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62				
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926				
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.83	600.86				
Mean for month - since 1860	600.39	600.14	600.04	600.10	600.45	600.75	600.97	601.05	601.08				

LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80	577.69				
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578.28	578.34	578.58	578.52	578.46	578.55				
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	13/2134	11/0901				
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32	577.09				
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010				
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	578.12				
Day	17	17	31	15	25	1	9	13	11				
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59	577.41				
Day	5	11	20	9	23	9	20	23	24				
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578.18	578.26	578.22	578.14				
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.83	581.90	581.84	581.73				
Year	1886	1886	1886	1886	1886	1886	1876	1876	1876				
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08				
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934				
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51	578.65	577.82	578.41				
Mean for month - since 1860	578.35	578.31	578.38	578.59	578.90	579.14	579.27	579.22	579.05				

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93				
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21	572.23				
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256				
LOW LEVEL FOR MONTH	567.45	566.39	568.58	569.21	569.20	569.16	569.30	569.30	567.90				
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447				
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64				
Day	7	14	30	14	3	19	27	13	11				
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70	570.04	569.82	568.96				
Day	6	18	6	12	27	12	4	22	27				
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.98				
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58				
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861				
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35				
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934				
Mean for month - last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34	571.06	570.77				
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571.30	571.07	570.80				

LAKE ONTARIO (at Kingston)

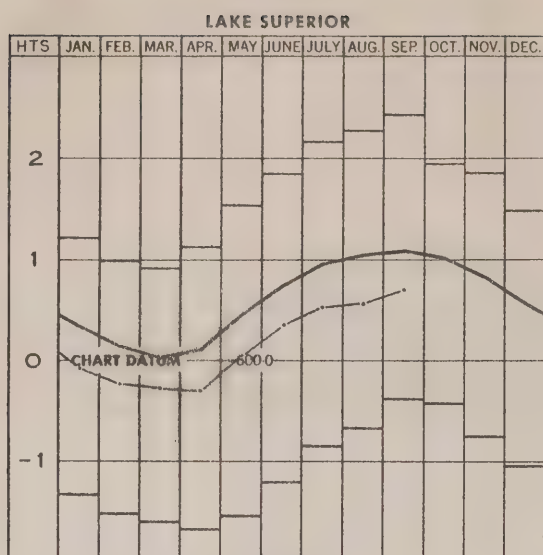
MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.32	245.16	245.03	244.69				
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68	245.80	245.30	245.25				
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020	13/2255	18/1925				
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69	244.75	243.86				
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420	28/0632				
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15	244.94				
Day	7	5	30	23	25	19	1	13	1				
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24	244.95	244.88	244.15				
Day	6	24	6	1	4	4	23	30	28				
Last year's mean for month	243.35	242.99	243.61	244.39	245.30	245.53	245.40	244.97	244.58				
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95				
Year	1886	1886	1952	1952	1952	1952	1947	1947	1947				
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05				
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934				
Mean for month - last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09	244.69				
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28	244.87				

MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48	18.08	18.21	17.95				
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97	19.18				
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142				
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.05				
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525	1/0637				
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89				
Day	30	1	1	10	7	6	15	10	29				
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73	17.49				
Day	2	19	19	22	31	1	12	28	8				
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10	20.19	20.00				
Max. mean for month since 1860	40.14	38.66	37.12	38.84	32.79	29.73	26.87	25.39	25.38				
Year	1886	1890	1890	1887	1876	1876	1861	1861	1869				
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51	17.22				
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934				
Mean for month - last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93	19.60				
Mean for month - since 1860	32.83	32.37	31.60	29.63	25.97	24.18	22.63	21.63	21.04				
JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN	

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.



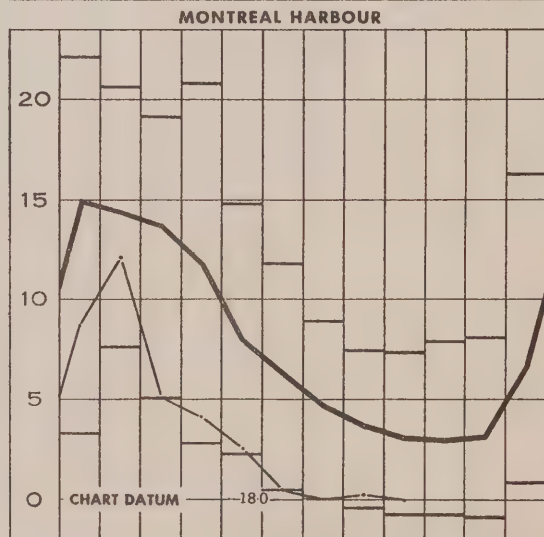
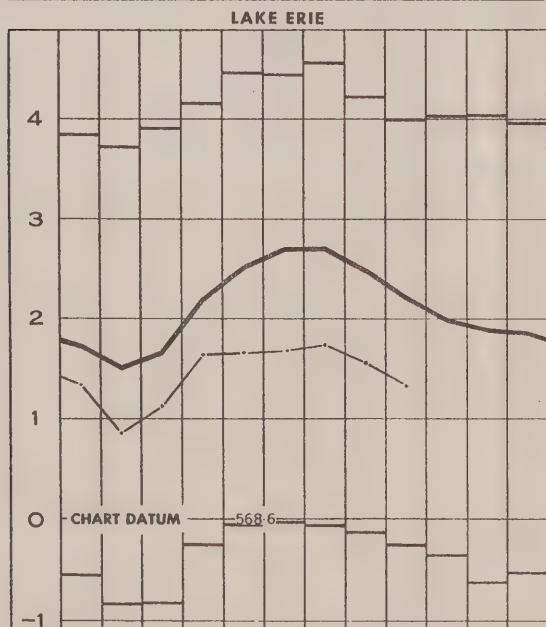
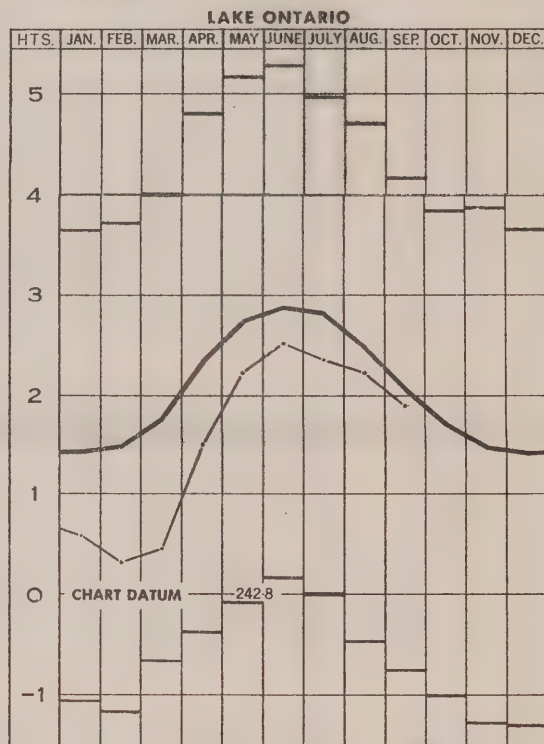
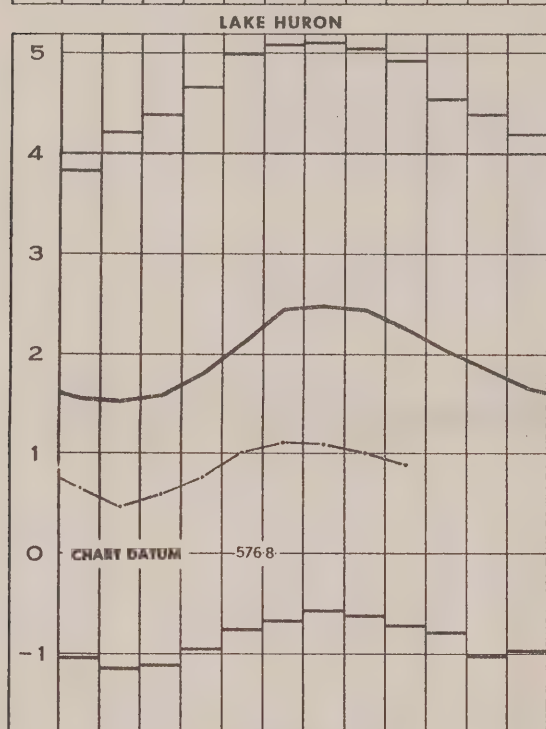
CANADA

INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1962

Maximum	_____	PERIOD OF RECORD MONTHLY
Minimum	_____	
Mean	_____	
Mean	_____	



HEIGHTS ARE IN FEET REFERRED TO CHART DATUM

WATER LEVEL BULLETIN
GREAT LAKES AND MONTREAL HARBOUR



INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

1962

LAKE SUPERIOR (at Port Arthur)

	JAN	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52	600.55	600.70	600.60			
HIGH LEVEL FOR MONTH	600.58	600.13	600.60	600.27	601.29	601.17	601.24	601.13	601.15	601.04			
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455	12/1707			
LOW LEVEL FOR MONTH	599.23	599.21	599.39	599.14	599.25	599.78	599.76	599.70	600.30	600.12			
Day and Hour	20/1230	4/2145	12/0713	28/0058	19/0126	13/0755	7/1711	6/1115	4/0520	28/1116			
HIGHEST DAILY MEAN	600.20	599.70	599.35	599.31	600.35	600.47	600.58	600.67	600.81	600.30			
Day	4	2	2	29	30	29	29	23	12	15			
LOWEST DAILY MEAN	599.60	599.66	599.65	599.57	599.80	600.26	600.40	600.46	600.59	600.35			
Day	27	5	12	14	2	11	1	12	13	3			
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600.47	600.59	600.57			
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.34	602.16	602.27	602.42	601.94			
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916			
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57			
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925			
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.33	600.86	600.74			
Mean for month - since 1860	600.20	600.14	600.04	600.10	600.45	600.75	600.97	601.05	601.08	601.00			

LAKE HURON (at Goderich)

	JAN	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	577.45	577.26	577.24	577.56	577.81	577.90	577.89	577.30	577.69	577.38			
HIGH LEVEL FOR MONTH	579.46	577.38	577.77	578.28	578.34	578.58	578.52	578.46	578.55	578.05			
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0559	13/2134	11/0901	12/0938			
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32	577.09	576.78			
Day and Hour	5/0553	13/2213	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010	29/2158			
HIGHEST DAILY MEAN	577.97	577.43	577.50	577.86	578.03	578.00	578.14	577.98	578.12	577.66			
Day	17	17	31	15	25	1	9	13	11	17			
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59	577.41	577.16			
Day	5	11	20	9	23	9	20	23	24	15			
Last year's mean for month	578.05	577.76	577.83	577.34	578.14	578.18	578.26	578.22	578.14	578.04			
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.44	581.73	581.23			
Year	1336	1886	1886	1886	1886	1886	1876	1876	1876	1376			
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01			
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934			
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51	578.65	577.32	578.41	577.84			
Mean for month - since 1860	578.25	578.31	578.28	578.59	578.90	579.14	579.27	579.22	579.05	579.04			

LAKE ERIE (at Port Colborne)

	JAN	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93	569.92			
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21	572.23	571.65			
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0215	6/1750	13/2256	22/2350			
LOW LEVEL FOR MONTH	567.45	566.39	568.58	569.21	569.20	569.16	569.46	569.30	567.90	568.79			
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447	28/2230			
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.44	570.47			
Day	7	14	30	14	3	19	27	13	11	27			
LOWEST DAILY MEAN	567.70	568.59	569.00	569.67	569.89	569.70	570.04	569.82	568.96	568.57			
Day	6	18	6	12	27	12	4	22	27	2			
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.28	570.45			
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63			
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861			
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	569.46	568.35	568.24			
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934			
Mean for month - last 10 years	570.29	570.07	570.39	570.36	571.16	571.27	571.34	571.06	570.77	570.16			
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571.30	571.07	570.80	570.59			

LAKE ONTARIO (at Kingston)

	JAN	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	243.33	243.11	243.26	244.29	245.02	245.32	245.16	245.03	244.69	244.51			
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68	245.80	245.30	245.25	245.10			
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0920	13/2255	18/1925	13/0437			
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69	244.75	244.86	244.12			
Day and Hour	7/0103	24/0800	12/0807	1/1312	1/0028	18/0745	23/2547	30/0420	28/0632	29/0106			
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15	244.94	244.61			
Day	7	5	30	23	25	19	1	13	1	12			
LOWEST DAILY MEAN	242.00	242.02	242.00	243.66	244.70	245.24	244.95	244.88	244.15	244.35			
Day	6	24	6	1	1	4	23	30	28	29			
Last year's mean for month	243.35	242.29	242.61	244.39	245.20	245.53	245.40	244.97	244.58	243.98			
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64			
Year	1886	1886	1952	1952	1952	1952	1947	1947	1947	1861			
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79			
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934			
Mean for month - last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09	244.69	244.12			
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28	244.87	244.51			

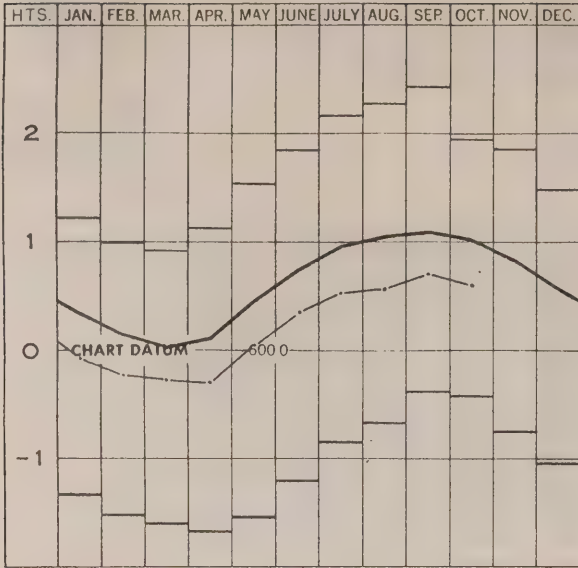
MONTREAL HARBOUR (at King Edward Pier)

	JAN	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48	18.08	18.21	17.25	18.07			
HIGH LEVEL FOR MONTH	35.41	34.01	28.31	25.57	22.95	19.29	18.67	18.97	19.18	18.92			
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142	31/2340			
LOW LEVEL FOR MONTH	19.00	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.05	17.32			
Day and Hour	2/0243	10/1200	19/1200	22/1512	31/2231	1/1707	12/1657	23/1525	1/0637	4/1623			
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89	18.60			
Day	30	1	1	10	7	6	15	10	29	31			
LOWEST DAILY MEAN	19.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73	17.49	17.53			
Day	2	19	19	22	31	1	12	28	8	4			
Last year's mean for month	31.64	30.43	25.93	22.31	21.21	21.57	21.10	20.19	20.00	19.36			
Max. mean for month since 1860	40.14	38.66	37.12	38.34	32.79	29.73	26.87	25.39	25.38	25.82			
Year	1886	1890	1890	1887	1876	1876	1861	1861	1869	1861			
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51	17.22	17.21			
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934	1934			
Mean for month - last 10 years	29.98	32.06	26.25	24.65	22.64	21.22	20.73	19.93	19.60	19.46			
Mean for month - since 1860	32.23	32.37	31.60	29.63	25.97	24.18	22.63	21.63	21.04	20.91			

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR



CANADA

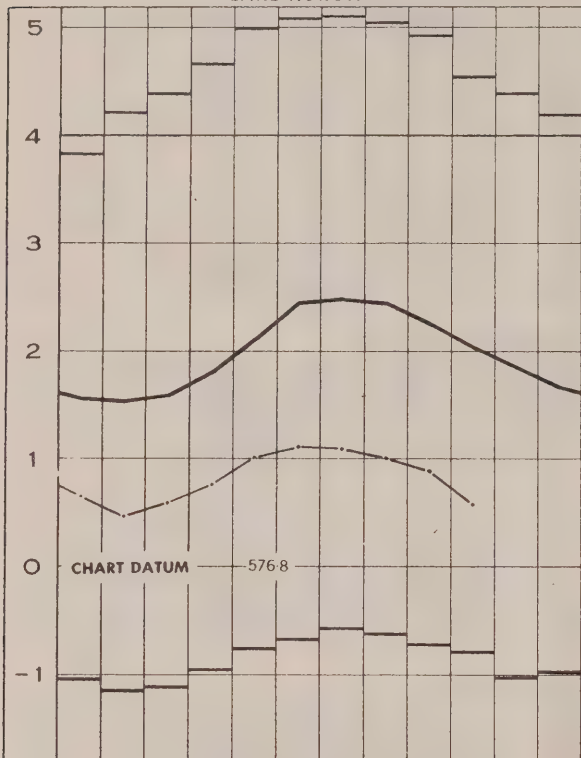
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

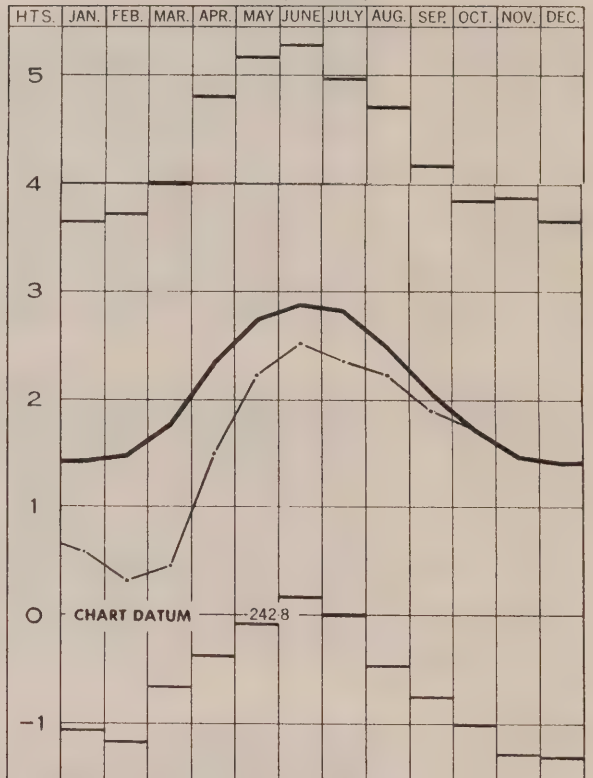
1962

Maximum	_____	PERIOD OF RECORD
Minimum	_____	
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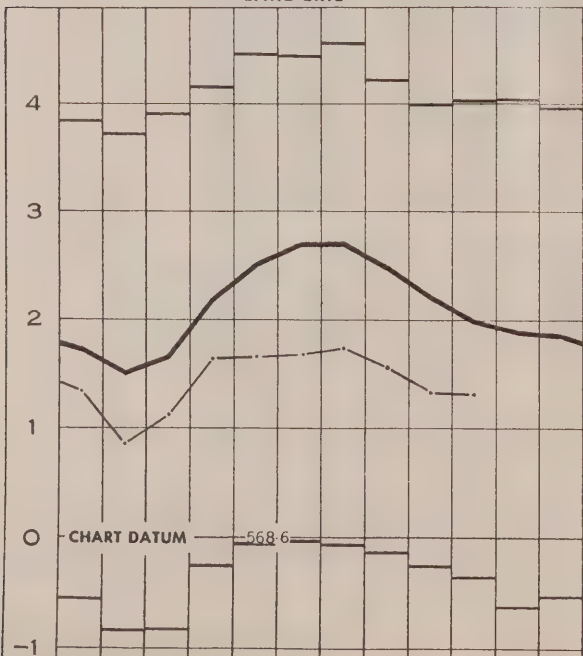
LAKE HURON



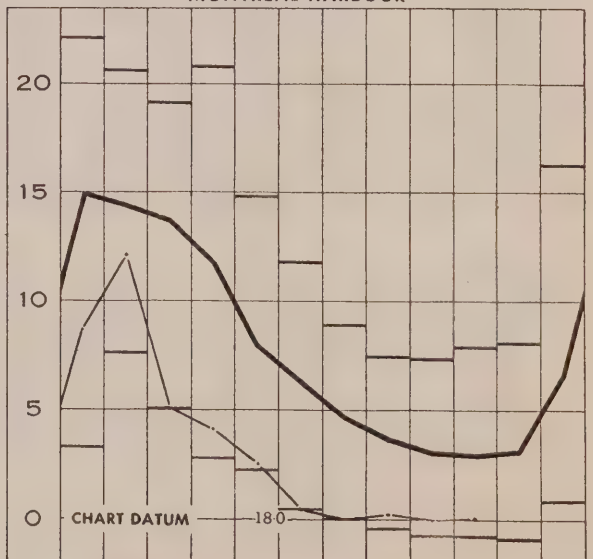
LAKE ONTARIO



LAKE ERIE



MONTREAL HARBOUR



HEIGHTS ARE IN FEET REFERRED TO CHART DATUM

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WATER LEVEL BULLETIN for the
GREAT LAKES AND MONTREAL HARBOUR
St. Lawrence River.



INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

1962

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52	600.55	600.70	600.60	600.32		
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.18	601.15	601.04	600.77		
Day and Hour	27/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455	12/1707	20/1045		
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70	600.30	600.12	599.75		
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711	6/1115	4/0520	28/1116	21/1720		
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600.67	600.81	600.80	600.49		
Day	4	2	2	29	30	29	29	23	12	15	6		
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40	600.46	600.59	600.35	600.11		
Day	27	5	12	14	2	11	1	12	19	3	22		
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600.47	600.59	600.57	600.48		
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94	601.85		
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900		
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57	599.24		
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925	1925		
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.83	600.86	600.74	600.54		
Mean for month - since 1860	600.39	600.14	600.04	600.10	600.45	600.75	600.97	601.05	601.08	601.00	600.82		

LAKE HURON (at Goderich)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80	577.69	577.38	576.95		
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578.28	578.34	578.58	578.52	578.46	578.55	578.05	577.63		
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	13/2134	11/0901	12/0938	22/2128		
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32	577.09	576.78	576.32		
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010	29/2158	15/0553		
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	578.12	577.66	577.37		
Day	17	17	31	15	25	1	9	13	11	17	22		
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59	577.41	577.16	576.62		
Day	5	11	20	9	23	9	20	23	24	15	15		
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578.18	578.26	578.22	578.14	578.04	577.85		
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73	581.33	581.18		
Year	1886	1886	1886	1886	1886	1886	1876	1876	1876	1876	1876		
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01	575.77		
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934		
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51	578.65	577.82	578.41	577.84	578.02		
Mean for month - since 1860	578.35	578.31	578.38	578.59	578.90	579.14	579.27	579.05	578.84	578.64	578.64		

LAKE ERIE (at Port Colborne)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93	569.92	569.60		
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21	572.23	571.65	572.36		
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256	22/2350	24/0355		
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569.20	569.16	569.46	569.30	567.90	568.79	566.65		
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447	28/2230	10/0534		
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64	570.47	570.47		
Day	7	14	30	14	3	19	27	13	11	27	22		
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70	570.04	569.82	568.96	569.57	567.64		
Day	6	18	6	12	27	12	4	22	27	2	10		
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.20	571.16	570.98	570.45	570.07		
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63	572.64		
Year	1863	1863	1863	1863	1863	1860	1862	1862	1861	1861	1861		
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24	567.97		
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934		
Mean for month - last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34	571.06	570.77	570.16	570.41		
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571.30	571.07	570.80	570.59	570.48		

LAKE ONTARIO (at Kingston)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.32	245.16	245.03	244.69	244.51	244.24		
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68	245.80	245.30	245.25	245.10	244.62		
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1015	13/0020	13/2255	18/1925	23/0437	21/0738		
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69	244.75	243.86	244.12	243.50		
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420	28/0632	29/0106	10/0828		
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15	244.94	244.61	244.39		
Day	7	5	30	23	25	19	1	13	1	12	21		
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	244.24	244.95	244.88	244.15	244.35	244.01		
Day	6	24	6	1	4	4	23	28	28	29	10		
Last year's mean for month	243.35	242.99	243.61	244.39	245.30	245.53	245.40	244.97	244.58	243.98	243.59		
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64	246.65		
Year	1886	1886	1952	1952	1952	1952	1947	1947	1947	1861	1861		
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79	241.52		
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934		
Mean for month - last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09	244.69	244.12	244.15		
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28	244.87	244.51	244.27		

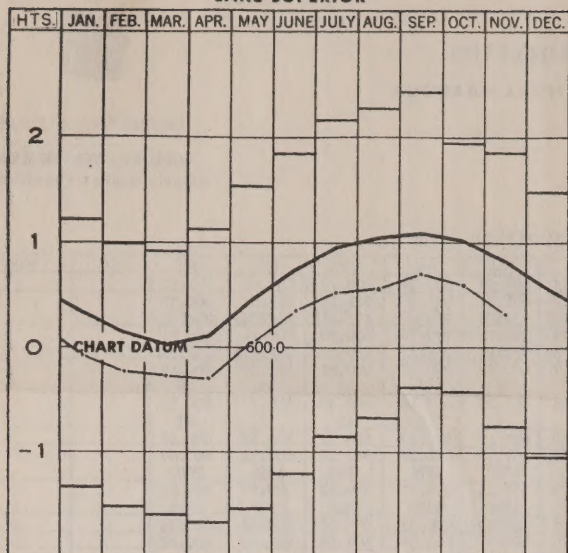
MONTREAL HARBOUR (at King Edward Pier)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48	18.08	18.21	17.95	18.07	18.47		
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97	19.18	18.92	20.33		
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142	31/2340	12/0919		
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.05	17.32	17.37		
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525	1/0637	4/1623	27/1256		
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89	18.60	19.86		
Day	30	1	1	10	7	6	15	10	29	31	14		
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73	17.49	17.53	17.54		
Day	2	19	19	22	31	1	12	28	8	4	27		
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10	20.19	20.00	19.36	18.28		
Max. mean for month since 1860	40.14	38.56	37.12	38.84	32.79	29.73	26.87	25.39	25.38	25.82	26.05		
Year	1886	1890	1890	1887	1876	1876	1861	1861	1869	1861	1861		
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51	17.22	17.21	17.07		
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934	1934	1934		
Mean for month - last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93	19.60	19.46	19.53		
Mean for month - since 1860	32.83	32.37	31.60	29.63	25.97	24.18	22.63	21.63	21.04	20.91	21.14		

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR



CANADA

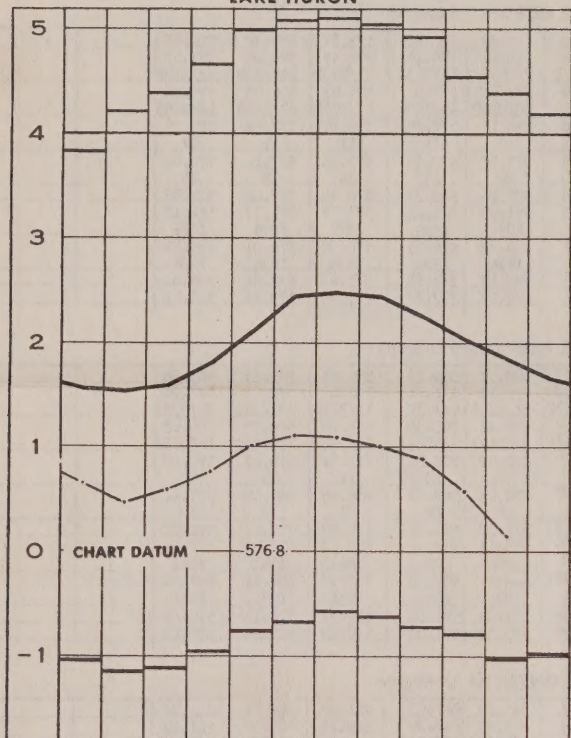
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

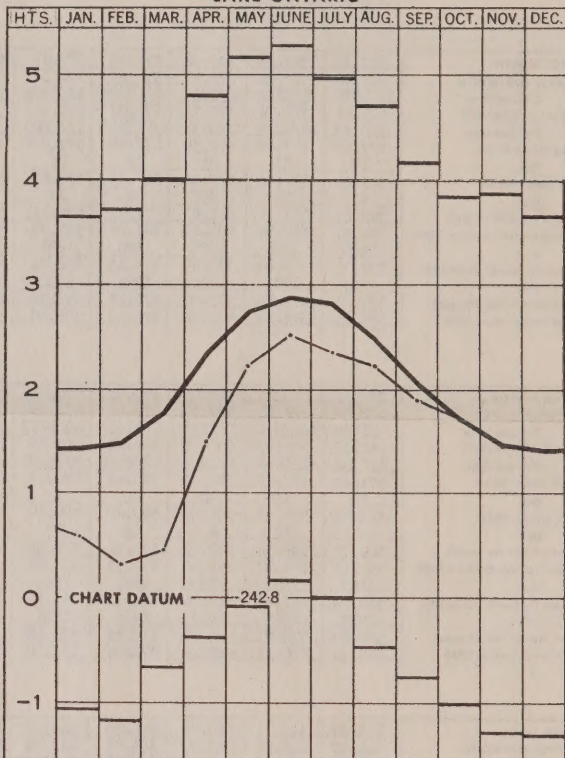
1962

Maximum	_____	PERIOD OF RECORD MONTHLY
Minimum	_____	
Mean	_____	
Mean	_____	

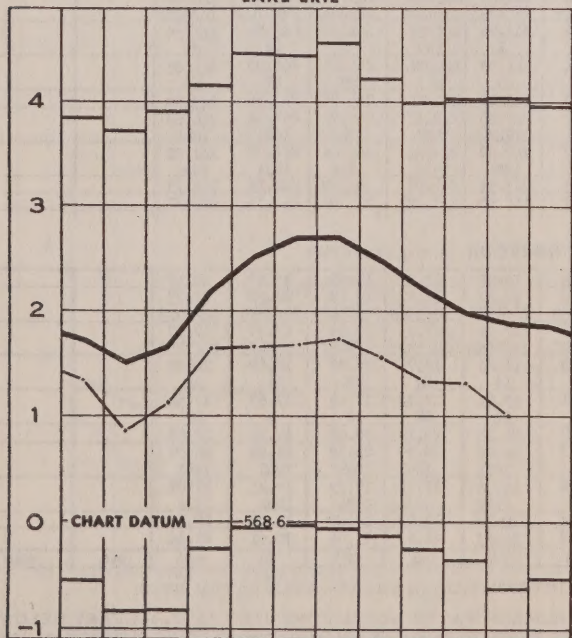
LAKE HURON



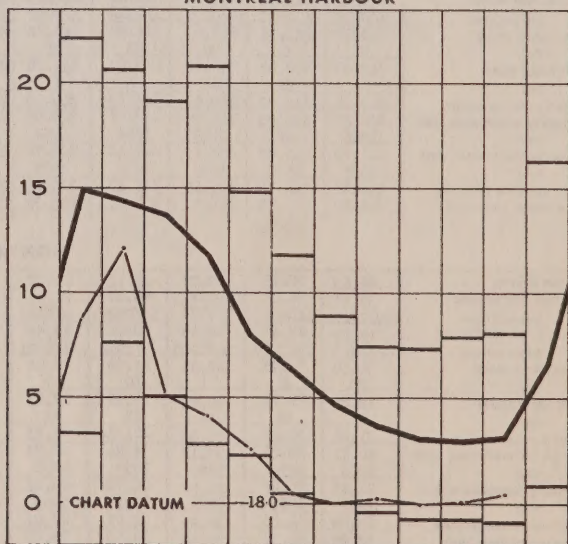
LAKE ONTARIO



LAKE ERIE



MONTREAL HARBOUR



HEIGHTS ARE IN FEET REFERRED TO CHART DATUM

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52	600.55	600.70	600.60	600.32	600.01	600.18
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.13	601.15	601.04	600.77	600.62	
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455	12/1707	20/1045	16/1503	
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70	600.30	600.12	599.75	599.30	
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711	6/1115	4/0520	28/1116	21/1720	29/0528	
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600.67	600.81	600.80	600.49	600.28	
Day	4	2	2	29	30	29	29	23	12	15	6	3	
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40	600.46	600.59	600.35	600.11	599.66	
Day	27	5	12	14	2	1	1	12	19	3	22	29	
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600.47	600.59	600.57	600.48	600.24	600.22
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94	601.85	601.47	
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900	1900	
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57	599.24	598.95	
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925	1925	1925	
Mean for month - last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.83	600.86	600.74	600.54	600.29	600.36
Mean for month - since 1860	600.39	600.14	600.04	600.10	600.45	600.75	600.97	601.05	601.08	601.00	600.32	600.57	600.62

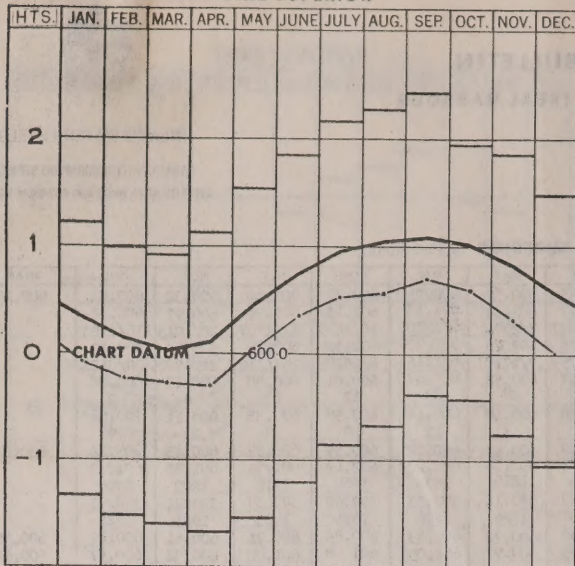
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.90	577.69	577.28	576.95	576.35	577.49
HIGH LEVEL FOR MONTH	579.46	577.38	577.77	578.28	578.34	578.58	578.52	578.46	578.55	578.05	577.63	577.86	
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	13/2134	11/0901	12/0938	22/2128	29/1405	
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32	577.09	576.78	576.32	576.05	
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010	29/2158	15/0553	21/0825	
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	578.12	577.66	577.37	577.35	
Day	17	17	31	15	25	1	9	13	11	17	22	7	
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59	577.41	577.16	576.62	576.29	
Day	5	11	20	9	23	9	20	23	24	15	15	21	
Last year's mean for month	578.05	577.76	577.83	578.14	578.18	578.18	578.26	578.22	578.14	578.04	577.85	577.65	578.00
Max. mean for month since 1860	580.01	580.98	581.17	581.46	581.79	581.88	581.90	581.94	581.73	581.33	581.18	580.99	
Year	1886	1886	1886	1886	1886	1886	1876	1876	1876	1876	1876	1883	
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01	575.77	575.43	
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1933	
Mean for month - last 10 years	577.94	577.85	578.02	578.01	578.32	578.51	578.65	577.82	578.41	577.34	578.02	577.83	578.18
Mean for month - since 1860	578.25	578.31	578.38	578.59	578.90	579.14	579.27	579.22	579.05	578.84	578.64	578.45	578.79

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93	569.92	569.60	569.92	569.98
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21	572.23	571.65	572.36	572.90	
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256	22/2350	24/0353	23/1118	
LOW LEVEL FOR MONTH	567.45	566.39	568.58	569.21	569.20	569.16	569.46	569.30	567.90	568.79	566.65	568.23	
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447	28/2330	10/0534	21/0202	
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64	570.47	570.47	571.26	
Day	7	14	30	14	3	19	27	13	11	27	22	23	
LOWEST DAILY MEAN	563.70	563.59	569.00	569.67	569.89	569.70	570.04	569.82	568.96	569.57	567.64	568.95	
Day	6	18	6	12	27	12	4	22	27	2	10	20	
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.98	570.45	570.07	570.13	570.63
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63	572.64	572.55	
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861	1861	1861	
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24	567.97	568.07	
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934	1934	
Mean for month - last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34	571.06	570.77	570.16	570.41	570.30	570.69
Mean for month - since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571.30	571.07	570.80	570.59	570.48	570.45	570.74

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	243.33	243.11	243.26	244.29	245.02	245.32	245.16	245.03	244.69	244.51	244.24	244.25	244.36
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68	245.80	245.30	245.25	245.10	244.62	245.07	
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020	13/2255	18/1925	23/0437	21/0738	23/1848	
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69	244.75	243.86	244.12	243.50	243.67	
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420	28/0632	29/0106	10/0828	6/2003	
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15	244.94	244.61	244.39	244.53	
Day	7	5	20	23	25	19	1	13	1	12	21	23	
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24	244.95	244.88	244.15	244.35	244.01	243.97	
Day	6	24	6	1	4	4	23	30	28	29	10	31	
Last year's mean for month	243.25	242.99	243.61	244.39	245.30	245.53	245.40	244.97	244.58	243.98	243.59	243.54	
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64	246.65	246.44	
Year	1886	1886	1952	1952	1952	1952	1947	1947	1861	1861	1861	1861	
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79	241.52	241.50	
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	
Mean for month - last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09	244.69	244.12	244.15	244.06	244.76
Mean for month - since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28	244.87	244.51	244.27	244.20	244.86

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	26.63	30.13	23.08	22.14	20.58	18.48	18.08	18.21	17.95	13.07	18.47	19.63	20.95
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	19.97	19.18	18.92	20.33	30.32	
Day and Hour	30/2147	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142	31/2340	12/0919	31/1030	
LOW LEVEL FOR MONTH	13.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.29	17.32	17.37	17.12	
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525	10/1059	4/1623	27/1256	21/0404	
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89	18.60	19.86	29.17	
Day	30	1	1	10	7	6	15	10	29	31	14	31	
LOWEST DAILY MEAN	18.26	27.73	20.39	19.92	17.83	17.91	17.61	17.73	17.49	17.53	17.54	17.60	
Day	2	19	19	22	31	1	12	28	8	4	27	3	
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10	20.19	20.00	19.36	18.28	19.20	22.65
Max. mean for month since 1860	40.14	38.66	37.12	38.34	32.79	29.73	26.87	25.39	25.38	25.82	26.05	34.21	
Year	1886	1890	1890	1887	1876	1876	1861	1861	1861	1861	1861	1875	
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51	17.22	17.21	17.07	18.73	
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934	1934	1934	1949	
Mean for month - last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93	19.60	19.46	19.53	21.02	23.14
Mean for month - since 1860	32.83	32.37	31.60	29.63	25.97	24.18	22.63	21.63	21.04	20.91	21.14	24.69	25.75

LAKE SUPERIOR



CANADA

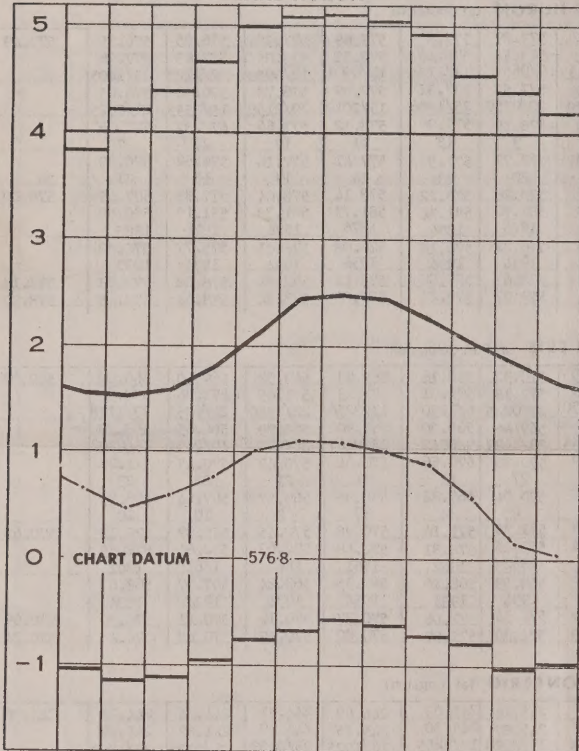
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

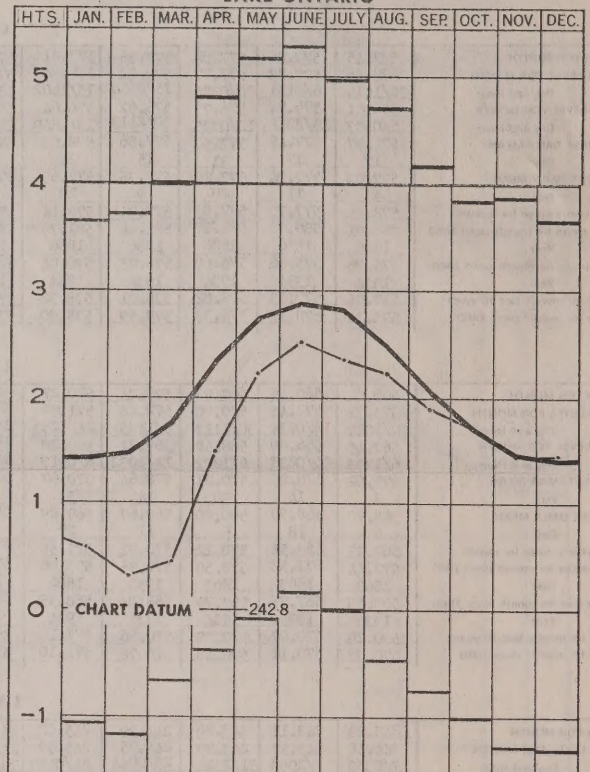
1962

Maximum	_____	PERIOD OF RECORD
Minimum	_____	
Mean	_____	
Mean	_____	
		MONTHLY

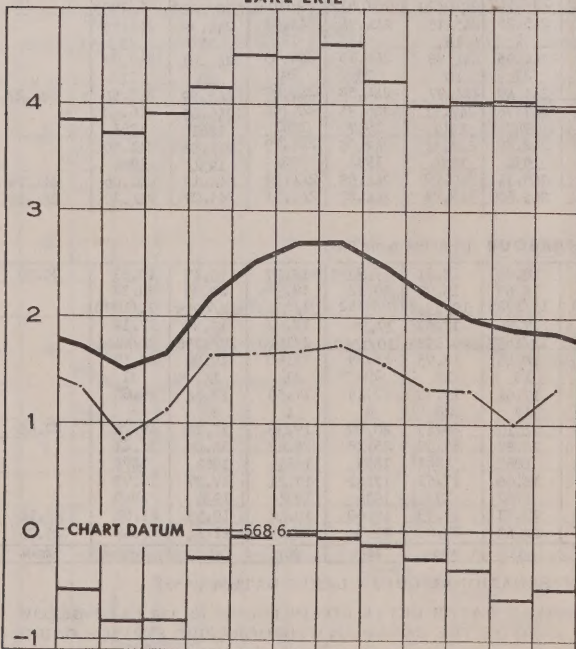
LAKE HURON



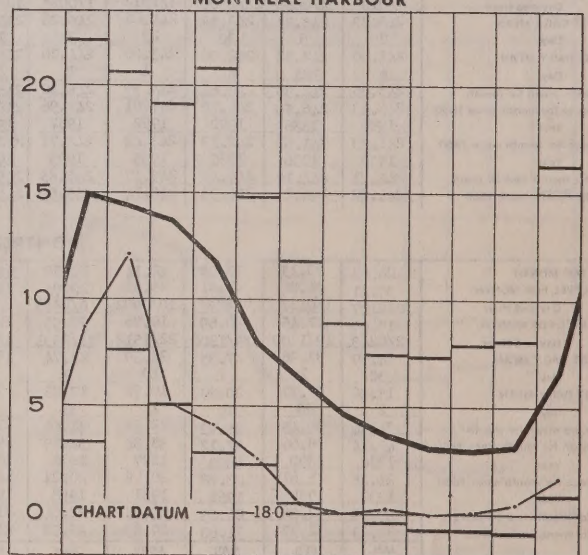
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